



Motorola Remote Control Solution for WT4090 VOW Device Software Installation Guide

***Motorola Remote Control Solution for WT4090 VOW Device
Software Installation Guide***

72E-133492-02

Revision B

March 2010

© 2010 by Motorola, Inc. All rights reserved.

No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, without permission in writing from Motorola. This includes electronic or mechanical means, such as photocopying, recording, or information storage and retrieval systems. The material in this manual is subject to change without notice.

The software is provided strictly on an “as is” basis. All software, including firmware, furnished to the user is on a licensed basis. Motorola grants to the user a non-transferable and non-exclusive license to use each software or firmware program delivered hereunder (licensed program). Except as noted below, such license may not be assigned, sublicensed, or otherwise transferred by the user without prior written consent of Motorola. No right to copy a licensed program in whole or in part is granted, except as permitted under copyright law. The user shall not modify, merge, or incorporate any form or portion of a licensed program with other program material, create a derivative work from a licensed program, or use a licensed program in a network without written permission from Motorola. The user agrees to maintain Motorola’s copyright notice on the licensed programs delivered hereunder, and to include the same on any authorized copies it makes, in whole or in part. The user agrees not to decompile, disassemble, decode, or reverse engineer any licensed program delivered to the user or any portion thereof.

Motorola reserves the right to make changes to any software or product to improve reliability, function, or design.

Motorola does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein.

No license is granted, either expressly or by implication, estoppel, or otherwise under any Motorola, Inc., intellectual property rights. An implied license only exists for equipment, circuits, and subsystems contained in Motorola products.

MOTOROLA and the Stylized M Logo and Symbol and the Symbol logo are registered in the US Patent & Trademark Office. All other product or service names are the property of their respective owners.

Motorola, Inc
One Motorola Plaza
Holtsville, New York 11742-1300
<http://motorola.com/enterprisemobility>



Table of Contents

Before You Begin.....	1
Read This First.....	1
About the Guide.....	1
Related Documents.....	1
Service Information	1
 Chapter 1 – Delivery Method and Minimum Requirements.....	3
Delivery Method	3
Minimum Software and Hardware Requirements.....	3
 Chapter 2 – Installing MRCS	5
Uninstall Previous Versions	5
Installing MRCS	6
Installing MRCS on a Device	9
Uninstalling MRCS.....	11



Before You Begin

Read This First

Motorola recommends that you read this entire document before you begin installing the Motorola Remote Control Solution (MRCS) for the WT4090 voice-only wearable VOW device.

About the Guide

The *Motorola Remote Control Solution for WT4090 VOW Device Software Installation Guide* provides general instructions for installing the Motorola Remote Control Solution (MRCS) for the WT4090 Voice Only Wearable (VOW) Device. Newer versions of this document may be available at:

<http://support.symbol.com/support/product/softwaredownloads.do>.

Related Documents

Motorola Remote Control Solution 1.3.2 Release Notes for the WT4090 VOW Device, p/n **72E-133494**

Using the Motorola Remote Control Solution for the WT4090 VOW Device, p/n **72E-133493**

Service Information

If you have a problem with your software, contact Motorola Enterprise Mobility support for your region. Contact information is available at: <http://www.symbol.com/contactsupport>.

When contacting Enterprise Mobility support, please have the following information available:

- Serial number of the software
- Model number or product name
- Software type and version number

- Software license information

Motorola responds to calls by email, telephone, or fax within the time limits set forth in support agreements.

If you purchased your Enterprise Mobility business product from a Motorola business partner, contact that business partner for support.

Chapter 1 – Delivery Method and Minimum Requirements

Delivery Method

MRCS for the WT4090 VOW is a software-only release in an msi setup package. The JRE 1.6 Java runtime environment is required for the MRCS desktop component and is included with the msi setup package. The installer will check for the valid JRE version and install it if necessary.

Minimum Software and Hardware Requirements

The minimum software and hardware requirements for systems on which you plan to install MRCS are listed in Table 1.

Table 1 – Minimum Software and Hardware Requirements

Category	Requirements
Windows Operating Systems	Windows XP - Professional/Personal <ul style="list-style-type: none">• Windows Server 2003 R2 Standard/Enterprise editions x86/x64 with SP2 or higher
Additional Software	• JRE 1.6 (Bundled with the MRCS msi setup package)
	• Microsoft ActiveSync version 4.5

Category	Requirements
Hardware	<p>These are only recommendations and you may obtain satisfactory performance on computers with a configuration that differs from these specifications.</p> <ul style="list-style-type: none">• 1 GHz processor or more• 1 GB RAM or more

Chapter 2 – Installing MRCS



Uninstall Previous Versions

Uninstall any previous versions of MRCS before installing the latest version.

Note:

If the MRCS is already installed, double clicking on the MRCS setup package will uninstall the existing version.

Installing MRCS

To Install MRCS:

1. Download the setup package.
2. Locate **MRCS_Setup.exe** and double-click the file to display the Installation Wizard (Figure 1).

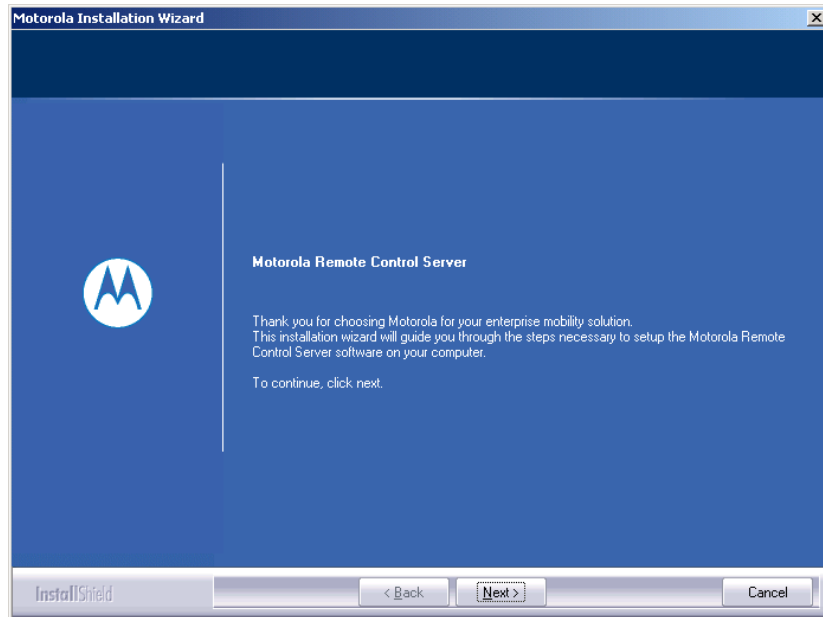


Figure 1

3. Click **Next** to display the license agreement (Figure 2).

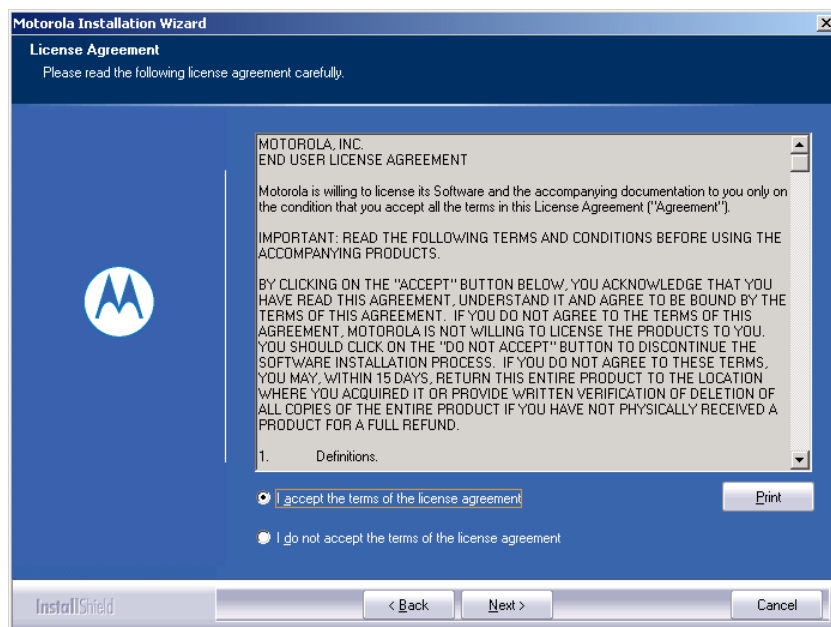


Figure 2

4. Accept the license agreement and click **Next** to display the **Destination Location** dialog box (Figure 3).

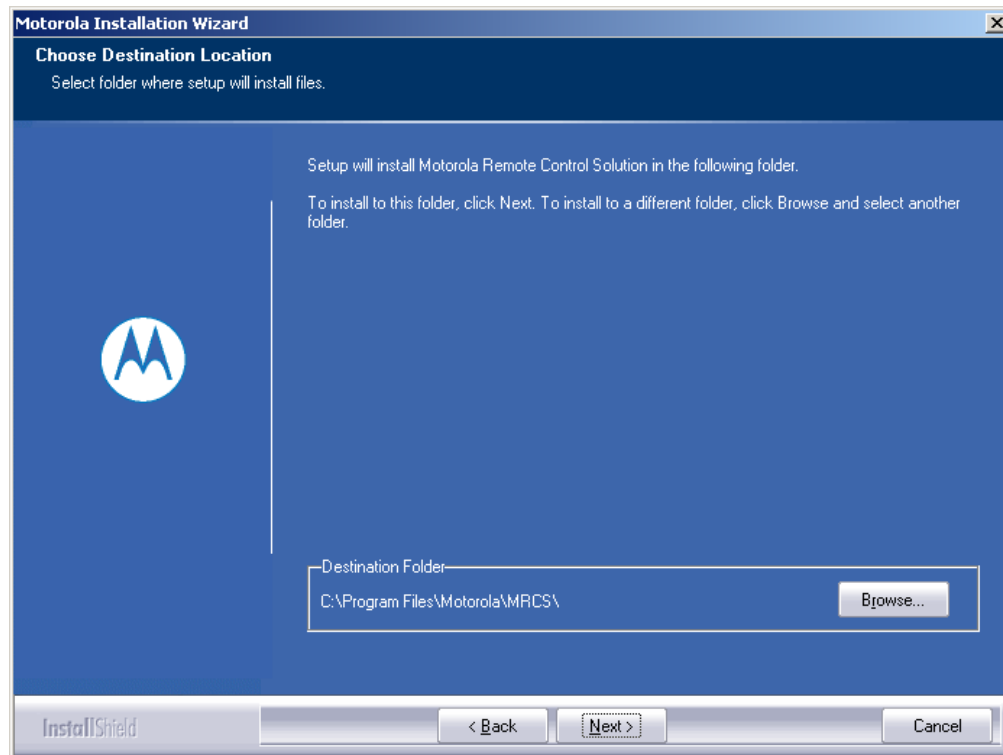


Figure 3

5. Accept or change the Destination folder and click **Next**.
6. If the required version of JRE 6-
 - o IS **NOT** installed, the **Java Setup Progress** dialog box (Figure 4) will display and install the appropriate JRE 6 version before the **MRCS Setup Status** dialog box (Figure 5) is shown for installing MRCS.



Figure 4

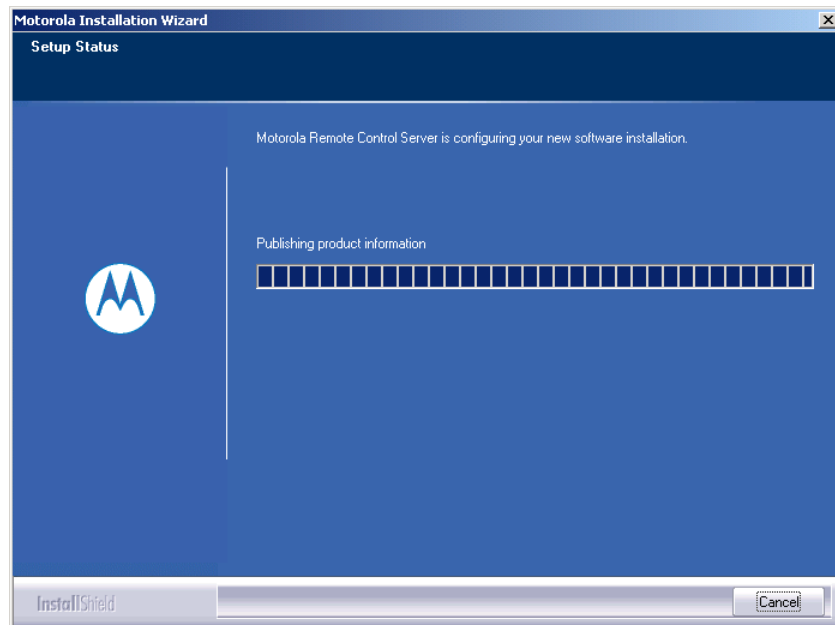


Figure 5

- IS installed, the **MRCS Setup Status** (Figure 5) dialog box will display and MRCS will be installed.
7. Once the installation is complete, the following MRCS files will be created in the folder where the user has installed MRCS (e.g., Under "C:\Program Files\Motorola\MRCS"). The files created are:

Table 2 – Files Created at Installation

Name	Description
DesktopDLL.dll	DLL needed to initiate the native calls to the device
mrc_signed.jar	Applet source code
MRCActiveSync.CAB	Cab file needed for installing the device side components
run_file.bat	Batch file to start the installation and initiate connection with the device.
Using_the_Motorola_Remote_Control_Solution_For_WT4090_VOW_Device.pdf	User Guide

8. The installer creates a short cut on the desktop to start the batch file. Users can use this shortcut to start the installation and hence connect to the device over ActiveSync using MRCS.

Note:

In order to use the MRCS in a standalone (ActiveSync mode), make sure ActiveSync is properly connected between the device and the local system PC.

Installing MRCS on a Device

To install MRCS on a device

1. Use Motorola Remote Control shortcut in the desktop or use Start -> All Programs -> Motorola -> MRCS -> Start Motorola Remote Control.

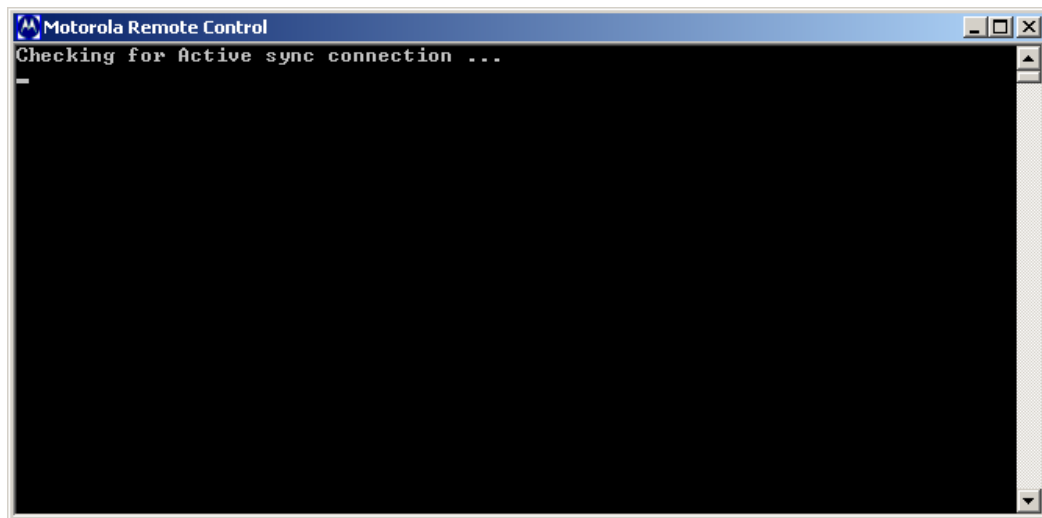


Figure 6

2. If-
 - MRCS is not installed on the device, installation will be automatic.
 - An older version of MRCS is installed on the device; the user will be prompted if they want to install the newer version (Figure 7).
 - The user can continue with the existing version of MRCS on the device by clicking **No**.
 - The user can uninstall the older version and install the newest version by clicking **Yes**.

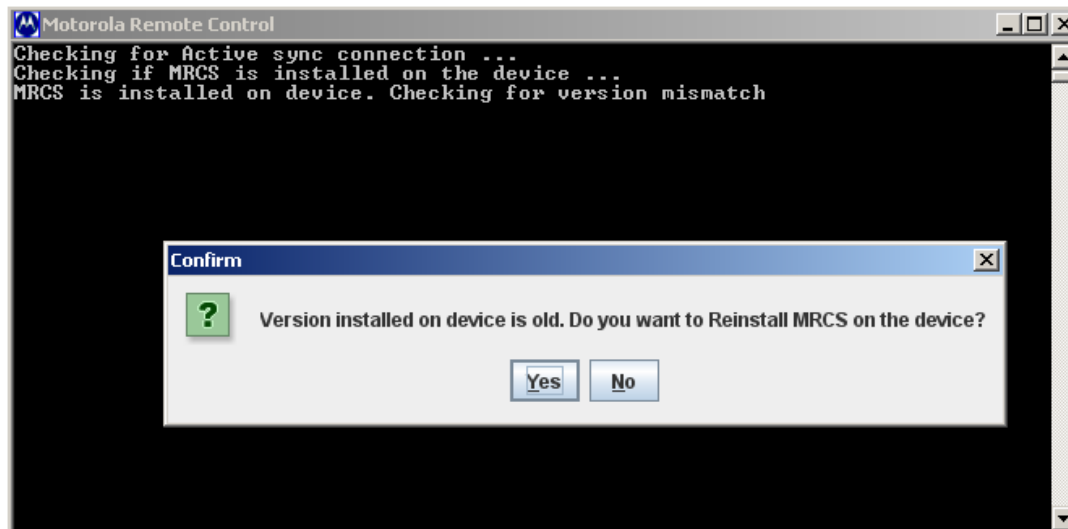


Figure 7

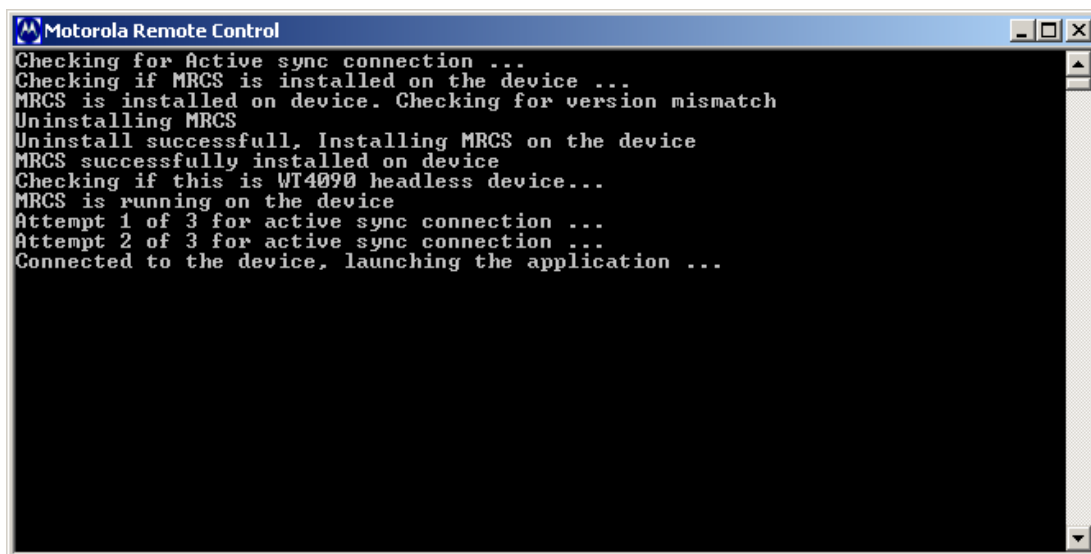


Figure 8

3. After successful installation, the following files/folders are created on the device (Under Application\MotoRC folder):

Table 3 – Files Created on the Device

Name	Description
MRC.exe	This is the MRCS executable running in the device side. At a time only one instance will be running.
Config.xml	This file contains the configuration details of the MRCS in the device side. Following are the attributes supported by this configuration file – <i>LOG_FILE_SIZE</i> (to set the size of the log file) <i>LOG_LEVEL</i> (to set the log level) <i>PORT</i> (device MRCS running port) <i>CLEAR_LOG_FLAG</i> (to clean off the logs of previous session) <i>SEEK_PERMISSION</i> (to check for user permission before connecting through MRCS) <i>SECURE</i> (to turn on/off secure communication)
MRC_Start.RUN	<i>This is the link file used to start the MRC.exe after the warm or cold boot (This file is present in Application\Startup).</i>
msg.properties	This is the resource bundle containing the messages displayed by the MRCS. If the customer wants localized messages, they can change this file and provision it to the device using MSP policy. At present, this file contains the messages for seeking user permission for making a remote connection.
MrcAES.dll	dll file for encryption between device and server.
MrcCleaner.exe	This file is used to cleanup the MRCS during un-installing the MRCS.
Logs	Folder created to contain the log files.

Notes:

If the device is not a WT4090 Voice Only Wearable then Remote Control connection will stop at this stage. The installed MRCS software in the device will not be cleaned up.

In case ActiveSync is not connected, the applet will open without having a MRCS connection to the device. You will still be able to use MRCS through a WLAN (you will have to manually provide the IP address of the device through the configuration tab in the applet). Refer to the user guide for changing the configuration to use the WLAN connection

Uninstalling MRCS

To uninstall MRCS

1. Click Start > Control Panel -> Add/Remove Programs.
2. Highlight "Motorola Remote Control Solution"
3. Click **Remove** on the MRCS Install Point listing to uninstall MRCS

To uninstall MRCS using MRCS setup package

1. Double click on the MRCS setup package.
2. Confirm uninstall message
3. Clicking on OK will remove the MRCS



MOTOROLA

Motorola, Inc.

One Motorola Plaza

Holtsville, New York 11742, USA

1-800-927-9626

<http://motorola.com/enterprisemobility>

MOTOROLA and the Stylized M Logo and Symbol and the Symbol logo are registered in the U.S. Patent and Trademark Office. All other product or service names are the property of their registered owners.

© MOTOROLA, Inc. 2009

72E-133492-02